NOV 21 2001
PATENT & TRADEMARK OFFICE

PATENT
Docket No.: 8733.014.00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Yong Sung HAM

Application No.: 09/134,405

Filing Date: August 14, 1998

Group Art Unit: 2871

Examiner: T. Duong

#24/Response Marsha 11/27/01

FOR: IN-PLANE SWITCHING MODE LIQUID CRYSTAL DISPLAY DEVICE

RECEIVED
NOV 26 2001
TC 2800 MAIL ROOM

RESPONSE

COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

Sir:

In response to the Office Action dated May 22, 2001, the time period for response being extended three months to November 22, 2001, by the petition for extension of time and appropriate fee, Applicant respectfully submits the following remarks.

In the Office Action dated May 22, 2001, claims 1-3, 5, 8, 9, 12-14, 16, 19, 20, and 23-27 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Applicant's Prior Art Figures (APAF) 1A-1B in view of Ohe et al. (U.S. Pat. No. 5,910,271). The rejection of these claims under 35 U.S.C. §103(a) is respectfully traversed and reconsideration is requested.

Applicant respectfully submits that all claims are allowable over the cited references in that all claims recite in varying degrees of specificity, a combination of features including the common line and the data bus lines having a crossing relationship and $d\Delta n$ in the range of 0.29-0.36μm. Applicant respectfully submits that none of the cited references, singly or combined, teaches or suggests at least these features of the present invention. The $d\Delta n$ range of 0.29-0.36μm is specific to the particular structure of the in-plane switching mode LCD as claimed. Reducing the lower limit of the range to 0.29 μm provided greater than expected results, including the prevention of white color-shift.

See MPEP 2143

Applicant submits that Ohe et al. does not show such a specific structure of the claimed invention and the combination with APAF is not based on proper motivating factors. Applicant respectfully submits that such combination is at best an obvious to try, which is not sufficient to combine references.

In support of the unexpected results obtained as a result of the claimed invention, Applicant submits herewith a declaration under 35 U.S.C. § 1.132 setting forth the unexpected results achieved in a liquid crystal display device when $d\Delta n$ is in the range of 0.29-0.36μm.

In view of the foregoing, Applicant believes that this application is now in condition for allowance and therefore requests favorable consideration and prompt allowance of the pending claims.

If the Examiner deems that a telephone conference would further the prosecution of this Application, the Examiner is invited to contact the undersigned representative at the telephone number listed below.

Applicant hereby authorizes the Commissioner for Patents to charges any fees necessary to complete this filing, including any fees required under 37 C.F.R. §1.136 for any necessary Extension of Time to make the filing of the attached documents timely, or credit any overpayment in fees, to Deposit Account No. 50-0911. Further, if these papers are not

considered timely filed, then a petition is hereby made under 37 C.F.R. §1.136 for the necessary extension of time. A copy of this sheet is enclosed.

Respectfully submitted,

LONG ALDRIDGE & NORMAN, LLP

Song K. Jung
Registration No: 35,210
Attorney of Record

Teresa M. Arroyo
Registration No. P-50,015

Dated: November 21, 2001

701 Pennsylvania Avenue, N.W.
Suite 600
Washington, D.C. 20004
Telephone No.: (202) 624-1200
Facsimile No.: (202) 624-1298